

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (Currently Amended) An information transmitting apparatus comprising:

an information storage part for storing information which includes an authentication identifier which identifies the information transmitting apparatus;

a sensing part for sensing a ~~mobile condition~~effect of movement of the information transmitting apparatus; and

an information transmission part for changing an a characteristic of a signal that affects the distance the information is transmitted transmittable distance-based on the mobile conditioneffect of movement, then-and for transmitting the information which includes the authentication identifier.

2. (Currently Amended) The information transmitting apparatus of claim 1, wherein the mobile conditioneffect of movement is at least one mobile conditioneffect of movement selected from the group consisting of a moving speed, moving acceleration, a traveling distance, and a traveling route of the information transmitting apparatus, wherein the sensing part senses the mobile conditioneffect of movement.

3. (Original) The information transmitting apparatus of claim 1, wherein the information transmission part is a communication means in accordance with the Bluetooth standard.

4. (Currently Amended) The information transmitting apparatus of claim 1, wherein the information transmission part divides the mobile conditioneffect of movement into

a plurality of ranks, and transmits the stored information by a predetermined power according to each one of the ranks.

5. (Currently Amended) The information transmitting apparatus of claim 1, wherein the information transmission part divides the ~~mobile condition~~effect of movement into a plurality of ranks, and changes ~~a transmittable~~the characteristic of the signal that affects the distance ~~the stored information is transmitted~~ in each one of the ranks ~~for transmitting the stored information~~.

6. (Currently Amended) The information transmitting apparatus of claim 1, wherein the sensing part senses at least one ~~mobile condition~~effect of movement selected from the group consisting of a moving speed, moving acceleration, a traveling distance, and a traveling route of the information transmitting apparatus, and wherein the information transmission part divides the ~~mobile condition~~effect of movement into a plurality of ranks, and changes ~~a transmittable~~the characteristic of the signal that affects the distance ~~the stored information is transmitted~~ in each one of the ranks ~~for transmitting the stored information~~.

7. (Currently Amended) An operation apparatus comprising:

(a) an information reception part for receiving information from an information transmitting apparatus, the information including an authentication identifier which identifies the information transmitting apparatus, which comprisesthe ~~information transmitting apparatus comprising:~~

an information storage part for storing ~~the~~ information which includes the authentication identifier;

a sensing part for sensing a ~~mobile condition~~an effect of movement of the information transmitting apparatus ; and

an information transmission part for changing a characteristic of a signal that affects a distance ~~the~~an information transmittable distance ~~is transmitted based on the mobile~~

condition, the effect of movement, and for transmitting the information which includes the authentication identifier,

(b) an authentication part for carrying out authentication based on the received information, which includes the authentication identifier; and

(c) an operation part for carrying out a predetermined action when the authentication part issues a permission of authentication.

8. (Original) The operation apparatus of claim 7, wherein the apparatus is an automatic door and the operation part opens the door.

9. (Currently Amended) An information processing system comprising:

an information transmitting apparatus including:

an information storage part for storing information, including an authentication identifier which identifies the information transmitting apparatus;

a sensing part for sensing a mobile condition ~~an effect of movement~~ of the information transmitting apparatus ; and

an information transmission part for changing a characteristic of a signal which affects a distance ~~the an~~ information transmittable distance ~~is transmitted~~ based on the mobile condition, the effect of movement, and for transmitting the information, which includes the authentication identifier, and

an operation apparatus including:

an information reception part for receiving the information which includes the authentication identifier from the information transmitting apparatus;

an authentication part for carrying out authentication based on the received information, which includes the authentication identifier; and

an operation part for carrying out a predetermined action when the authentication part issues a permission of authentication.

10. (Currently Amended) The information processing system of claim 9, wherein the ~~mobile condition~~effect of movement is at least one ~~mobile condition~~effect of movement selected from the group consisting of a moving speed, moving acceleration, a traveling distance, and a traveling route of the information transmitting apparatus, wherein the sensing part senses the ~~mobile condition~~effect of movement, and the information transmission part is a communication means in accordance with a Bluetooth standard.

11. (Currently Amended) The information processing system of claim 9, wherein the information transmission part divides the ~~mobile condition~~effect of movement into a plurality of ranks, and transmits the stored information by a predetermined power according to each one of the ranks.

12. (Currently Amended) A computer readable medium, including a program for causing a computer to execute thereof, the program comprising the steps of:

storing information which includes an authentication identifier which identifies the information transmitting apparatus;

sensing a mobile conditionan effect of movement of an information transmitting apparatus; and

transmitting the (1) information for changing a characteristic of a signal that affects the distance the information is transmitted based on the effect of movement and (2) the stored information which includes the authentication identifierwith changing a transmission distance of stored information based on the mobile condition.

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13. (Currently Amended) The ~~programcomputer readable medium~~ of claim 12, wherein the step of sensing is to sense at least one ~~mobile condition~~effect of movement selected from the group consisting of a moving speed, moving acceleration, a traveling distance, and a traveling route of the information transmitting apparatus.

14. (Currently Amended) The ~~programcomputer readable medium~~ of claim 12, wherein the step of sensing includes a step of sensing a moving speed of the information transmitting apparatus, and the step of transmitting includes a step of changing ~~the transmission~~the characteristic of the signal that affects the distance of the information is transmitted based on the speed before transmitting the information.

15. (Currently Amended) The ~~programcomputer readable medium~~ of claim 12, wherein the step of sensing includes a step of sensing acceleration of the moving information transmitting apparatus, and the step of transmitting includes a step of changing ~~the transmission~~the characteristic of the signal that affects the distance of the information is transmitted based on the acceleration before transmitting the information.